

00810

**21819**

**3 Hours / 80 Marks**

Seat No.

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- Instructions :**
- (1) All Questions are *compulsory*.
  - (2) Answer each next main Question on a new page.
  - (3) Illustrate your answers with neat sketches wherever necessary.
  - (4) Figures to the right indicate full marks.
  - (5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

**Marks**

**1. Solve any EIGHT of the following :**

**16**

- (a) Define the terms :
  - (i) Physical health
  - (ii) Mental health
- (b) Name the disease caused by : (any two)
  - (i) *Salmonella typhi*
  - (ii) *Wuchereria bancrofti*
  - (iii) Lyssa virus type-I
- (c) Write object of first aid.
- (d) Give the long forms of the following abbreviation :
  - (i) HIV
  - (ii) CHD
  - (iii) STD
  - (iv) UTI

- (e) Write the role of 'Pharmacist in promoting family planning' ?
- (f) Define Kwashiorkor disease. Give its symptoms.
- (g) Define Zoonotic disease. Classify them.
- (h) Name the disease caused due to deficiency of :
  - (i) Vitamin A
  - (ii) Vitamin B
  - (iii) Vitamin C
  - (iv) Vitamin B<sub>12</sub>
- (i) What is composition of Oral Rehydration Salt (ORS) ?
- (j) Draw a well labelled diagram of Bacterial Cell.
- (k) Write immunization schedule for children.
- (l) Differentiate between communicable & non-communicable diseases.

**2. Solve any FOUR of the following :**

**12**

- (a) Discuss methods of solid-waste disposal.
- (b) Write sources, functions & deficiency diseases of Vitamin A.
- (c) Define demography. Explain stages of demographic cycle.
- (d) Write symptoms & first aid treatment for shock.
- (e) Enlist various determinants of health & discuss any one.
- (f) Write importance & procedure of 'Gram staining'.

**3. Solve any FOUR of the following :**

**12**

- (a) Discuss in detail Noise Pollution.
- (b) Define blindness. Write causes, prevention & control of blindness.
- (c) Write sources of air pollution. Write its effect on health.

- (d) Write about hormonal contraceptives.
- (e) Define medical entomology. Discuss in detail about insect control.
- (f) Write about types, prevention & control of diabetes mellitus.

**4. Solve any FOUR of the following :**

**12**

- (a) Define the term fertility. Explain various factors affecting fertility.
- (b) Classify food. Write functions of carbohydrates & proteins.
- (c) Define the term 'Immunization'. Write the immunization schedule.
- (d) Classify contraceptive methods with examples.
- (e) Discuss Cardi-pulmonary Resuscitation (CPR).
- (f) Define Immunity. Classify it.

**5. Solve any FOUR of the following :**

**12**

- (a) Describe various methods of small scale purification of water.
- (b) Write disinfection procedure for
  - (i) Room
  - (ii) Sputum
- (c) Write functions & deficiency diseases of :
  - (i) Calcium
  - (ii) Iron
- (d) What are hospital acquired infections ? Write prevention & control of "Noscomial infecton".
- (e) Name type of fracture & first aid treatment for fracture.
- (f) Give advantages & disadvantages of condoms.

**P.T.O.**

6. Write causative agent, mode of transmission, symptoms & control of any **FOUR** of the following :

16

- (a) Tuberculosis
  - (b) AIDS
  - (c) Cholera
  - (d) Leprosy
  - (e) Plague
  - (f) Trachoma
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